

## CLAIMS

What is claimed is:

1. A device for packetizing scalably encoded and progressively  
 5 encrypted data, said device comprising:  
 a receiver adapted to receive a stream of data from an encoding and  
 encrypting device, wherein at least a first portion of said data are scalably  
 encoded and progressively encrypted; and  
 a packetizer coupled to said receiver, said packetizer adapted to  
 10 packetize at least a second portion of said data into secure and scalable data  
 packets.

2. The device of Claim 1 wherein said device is adapted to receive  
 15 said data in real time as said data are output from said encoding and  
 encrypting device.

3. The device of Claim 1 wherein said device is adapted to receive  
 said data from a storage unit of said encoding and encrypting device.

4. The device of Claim 1 wherein said data are selected from the  
 20 group consisting of: video data, audio data, image data, graphic data, and  
 web page data.

5. The device of Claim 1 wherein said data comprise header data  
 25 and payload data, wherein said header data provide information  
 corresponding to said payload data, wherein said information allows a  
 transcoder to transcode said secure and scalable data packets without  
 decrypting and decoding said secure and scalable data packets.

6. The device of Claim 5 wherein said header data are  
 30 unencrypted.

7. The device of Claim 5 wherein said header data are encrypted.

8. The device of Claim 1 comprising:  
 35 a storage unit coupled to said receiver, said storage unit for storing said  
 data prior to packetization of said data by said packetizer.

9. The device of Claim 1 comprising:  
a storage unit coupled to said packetizer, said storage unit for storing  
said data subsequent to packetization of said data by said packetizer.

5 10. The device of Claim 1 comprising:  
a transmitter coupled to said packetizer, said transmitter for transmitting  
secure and scalable data packets to a downstream device.

10 11. The device of Claim 10 wherein said device transmits a subset of  
said secure and scalable data packets, wherein said subset is selected  
according to attributes downstream of said device.

15 12. The device of Claim 1 wherein said data received from said  
encoding and encrypting device comprise a subset of a larger set of data,  
wherein said subset is selected according to attributes downstream of said  
device.

20 13. The device of Claim 1 wherein said packetizer packetizes a  
subset of said data, wherein said subset is selected according to attributes  
downstream of said device.

14. A method for packetizing scalably encoded and progressively  
encrypted data, said method comprising:  
a) receiving a stream of data from an encoding and encrypting device,  
25 wherein at least a first portion of said data are scalably encoded and  
progressively encrypted; and  
b) packetizing at least a second portion of said data into secure and  
scalable data packets.

30 15. The method of Claim 14 wherein said data are received in real  
time as said data are output from said encoding and encrypting device.

16. The method of Claim 14 wherein said data are received from a  
storage unit of said encoding and encrypting device.

35 17. The method of Claim 14 wherein said data are selected from the  
group consisting of: video data, audio data, image data, graphic data, and  
web page data.

18. The method of Claim 14 wherein said data comprise header data and payload data, wherein said header data provide information corresponding to said payload data, wherein said information allows a transcoder to transcode said secure and scalable data packets without  
5 decrypting and decoding said secure and scalable data packets.

19. The method of Claim 18 wherein said header data are unencrypted.

10 20. The method of Claim 18 wherein said header data are encrypted.

21. The method of Claim 14 comprising:  
storing said data prior to said step of packetizing.

15 22. The method of Claim 14 comprising:  
storing said data subsequent to said step of packetizing.

23. The method of Claim 14 comprising:  
20 transmitting secure and scalable data packets to a downstream device.

24. The method of Claim 23 further comprising:  
selecting a subset of said secure and scalable data packets according  
to downstream attributes; and  
25 transmitting said subset of said secure and scalable data packets.

25. The method of Claim 14 wherein said data received from said  
encoding and encrypting device comprise a subset of a larger set of data,  
wherein said subset is selected according to downstream attributes.

30 26. The method of Claim 14 wherein said step b) comprises:  
selecting a subset of said data according to downstream attributes; and  
packetizing said subset.

35 27. A computer readable medium having computer readable code  
stored thereon for causing a device to perform a method for packetizing  
scalably encoded and progressively encrypted data, said method comprising:

a) receiving a stream of data from an encoding and encrypting device, wherein at least a first portion of said data are scalably encoded and progressively encrypted; and

5 b) packetizing at least a second portion of said data into secure and scalable data packets.

28. The computer readable medium of Claim 27 wherein said data are received in real time as said data are output from said encoding and encrypting device.

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29. The computer readable medium of Claim 27 wherein said data are received from a storage unit of said encoding and encrypting device.

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30. The computer readable medium of Claim 27 wherein said data are selected from the group consisting of: video data, audio data, image data, graphic data, and web page data.

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31. The computer readable medium of Claim 27 wherein said data comprise header data and payload data, wherein said header data provide information corresponding to said payload data, wherein said information allows a transcoder to transcode said secure and scalable data packets without decrypting and decoding said secure and scalable data packets.

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32. The computer readable medium of Claim 31 wherein said header data are unencrypted.

33. The computer readable medium of Claim 31 wherein said header data are encrypted.

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34. The computer readable medium of Claim 27 wherein said method comprises:

storing said data prior to said step b) of said method.

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35. The computer readable medium of Claim 27 wherein said method comprises:

storing said data subsequent to said step b) of said method.

36. The computer readable medium of Claim 27 wherein said method comprises:

transmitting secure and scalable data packets to a downstream device.

37. The computer readable medium of Claim 36 wherein said method further comprises:

- 5        selecting a subset of said secure and scalable data packets according to downstream attributes; and  
transmitting said subset of said secure and scalable data packets.

38. The computer readable medium of Claim 27 wherein said data  
10 received from said encoding and encrypting device comprise a subset of a larger set of data, wherein said subset is selected according to downstream attributes.

39. The computer readable medium of Claim 27 wherein said step b)  
15 of said method comprises:  
selecting a subset of said data according to downstream attributes; and  
packetizing said subset.